



<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		<b>1. CONTRACT ID CODE</b> J		<b>PAGE</b> 1		<b>OF PAGES</b> 5	
<b>2. AMENDMENT/MODIFICATION NO.</b> A00018		<b>3. EFFECTIVE DATE</b> SEE BLOCK 16C		<b>4. REQUISITION/PURCHASE REQ. NO.</b> N/A		<b>5. PROJECT NO. (if applicable)</b>	
<b>6. ISSUED BY</b> NAVAL INVENTORY CONTROL POINT 5450 CARLISLE PIKE, P.O. BOX 2020 MECHNANISBURG, PA 17055-0788 SHAWN R. RUNK, (717) 605-4048 Shawn_R_Runk@icpmech.navy.mil		<b>CODE</b> M67854		<b>7. ADMINISTERED BY (if other than item 6) CODE</b>			
<b>8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)</b> Electronic Data System Corporation 13600 EDS Drive A6N-D48 Herndon, VA 20171 Attn : NMCI Contracts CODE 1U305				<b>(X)</b>		<b>9A. AMENDMENT OF SOLICITATION NO.</b>	
						<b>9B. DATED (SEE ITEM 11)</b>	
				<b>X</b>		<b>10A. MODIFICATION OF CONTRACT/ORDER NO.</b> N00024-00-D-6000	
						<b>10B. DATED (SEE ITEM 13)</b> 06 Oct 2000	
<b>11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS</b>							
( ) The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ( ) is extended, ( ) is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:							
(a) By completing Items 8 and 15, and returning ___ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
<b>12. Accounting and Appropriation Data (if required)</b> N/A							
<b>13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14</b>							
<b>(x)</b> A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
<b>X</b> C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: BY MUTUAL AGREEMENT FAR 43.103 (a) (3)							
D. OTHER (Specify type of modification and authority)							
<b>E. IMPORTANT:</b> Contractor ( ) is not, ( X ) is required to sign this document and return <u>2</u> copies to the issuing office.							
<b>14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)</b>  The purpose of this modification is to incorporate assessment of network infrastructure at nine designated USMC sites.							
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
<b>15A. NAME AND TITLE OF SIGNER (Type or print)</b> Robert Lindsey Contracting				<b>16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)</b> SHAWN R. RUNK, CONTRACTING OFFICER			
<b>15B. CONTRACTOR/OFFEROR</b>  (Signature of person authorized to sign)		<b>15C. DATE SIGNED</b> 7/11/03		<b>16B. UNITED STATES OF AMERICA</b> BY  (Signature of Contracting Officer)		<b>16C. DATE SIGNED</b> 7/15/03	

N00024-00-D-6000

A00018

Page 2 of 5

1. CLIN 0029 is hereby incorporated into the subject contract as follows:

ITEM	SERVICE	QUANTITY	MONTHLY SERVICE PRICE	TOTAL AMOUNT
0029QE	USMC Network Infrastructure Assessment – Phase I USMC-29-2003-1	2 MO	\$398,630.00	\$797,260.00
	TOTAL	2		\$797,260.00

2. The Contractor shall perform USMC Network Infrastructure Assessment capability as follows:

#### **STATEMENT OF OBJECTIVES FOR**

(in priority order)

**MCB CAMP LEJUNE NC, MCAS CHERRY POINT NC, MCAS BEAUFORT SC, MCAS NEW RIVER NC, MCB CAMP PENDLETON CA, MCAS MIRAMAR CA, MCAGCC 29 PALMS CA, MCAS YUMA AZ**  
**USMC Network Infrastructure Assessment**

#### **BACKGROUND**

The USMC uses a variety of networking equipment to fulfill LAN requirements on its bases throughout CONUS. The operational reliability of these networks vary, depending on such factors as equipment age, failure rate, parts availability, etc. Some USMC base networks suffer frequent outages which disrupt the missions of the Military and civilian personnel aboard the base. In some cases, spare parts are no longer available to repair certain portions of the LAN infrastructure. To prepare for the introduction of NMCI services and transition to NMCI, the USMC proposes to upgrade, where applicable, those environments to meet its requirements for upgraded networking equipment and services, which will be compatible with and assumable by NMCI.

#### **SCOPE**

This SOO sets forth the work efforts required to assess the above listed sites, network infrastructure and stabilize and/or fix them. The offeror shall be responsible for providing all specified material, services and necessary support documentation needed to complete the tasks identified in this SOO. In preparation for the introduction of NMCI services and transition, the offeror shall assess the current network infrastructure, and make recommendations as to components that require upgrade, replacement, reutilization, etc. in order to maintain operational readiness and which will be compatible with and assumable by NMCI. Until NMCI Assumption of Responsibility (AOR), the USMC will be responsible for the operation and maintenance of this network unless otherwise noted per the results derived from Phase I – Network Infrastructure Assessment.

This effort includes Network Infrastructure Assessment, Network Refresh, Training, and Program Management. The following sections outline the work to be performed under this effort. The Offeror has

flexibility to present additional ideas and options that will accomplish the Scope of Services outlined in this State of Objectives.

## 1.0 PHASE I - NETWORK INFRASTRUCTURE ASSESSMENT

The offeror shall be responsible for an assessment of the network infrastructure, to include collection of data on the network, and assessment of the network.

**1.1 Infrastructure Data Collection.** This effort consists of pre-site data collection and on-site data collection.

**1.1.1 Pre-site Data Collection.** The offeror shall be responsible for coordinating with the RCORs listed in paragraph 6.0, for each site, who will coordinate with the site CTR/STOIC/G6 prior to an on-site assessment. The G6 will provide the offeror with an informal assessment of the network based on their experience in maintaining it. The offeror will also be provided with available documentation on the current network, to include diagrams showing the locations of switches, routers, etc. If NMCI has already engaged an NMCI joint survey team at the base, documentation provided to that team is to be leveraged for this effort.

**1.1.2 On-Site Data Collection.** The offeror shall travel to the USMC base to collect additional data relevant to the CLIN 29 effort, and validate the documentation provided in the pre-site data collection. The focus of this data collection is on all components of the network, to include existing buildings with current network seats. The size of the on-site data collection team will be commensurate with the size of the base, number of buildings, and number of seats in each building.

**1.2 Infrastructure Assessment.** This effort consists of an assessment of the network data in the context of failure analysis, reuse analysis, NMCI cutover analysis, and enterprise management capability.

**1.2.1 Network Failure Analysis.** The offeror shall analyze the current network using all available data collected and determine whether the current network components are supporting the network's ability to maintain network operational readiness at the base. Each network's failure history, if applicable, will be reviewed to determine whether it should be replaced, upgraded, or left in its current condition. Where applicable, the offeror shall coordinate with MARCORSYSCOM through its RCORs and the Base G6 to perform additional short term (1-4 days) testing on the network.

**1.2.2 Reuse Analysis.** The offeror shall analyze the current network from the perspective of reuse to determine what components can be reused in the existing design, what components can be reused when the network is cutover to NMCI, and what components are at end of life, meaning it is no longer practical to maintain them for the long term, considering parts availability, configuration and training needs to operate them, etc.

**1.2.3 NMCI Cutover Analysis.** The offeror shall analyze the existing network infrastructure relative to NMCI and determine whether it will be interoperable with the standards and protocols in the future.

**1.2.4 Enterprise Management Review.** The offeror shall analyze the existing network with respect to its ability to manage the current network. Any potential new network components will be incorporated in this review process.

**1.3 Network Infrastructure Recommendation.** The offeror shall develop a report that documents all of the assessment activities at base, to include the results of the reuse analysis, failure analysis, NMCI cutover analysis, and enterprise management analysis. In addition to this analysis, the offeror's recommendations on any network component refresh timeline shall consider the current state of deployed forces from that base, their anticipated return date, and the relative priority of the refresh relative to this scenario. The network infrastructure recommendation will include a bill of materials for those network components that are to be replaced, along with a to fund phase II of this SOO, which is required to support the refreshed components until NMCI Assumption of Responsibility (AOR).

## **2.0 PHASE II – NETWORK REFRESH**

The offeror shall refresh the current as-is network based on the Network Infrastructure Recommendations Report, Bill of Materials, and with concurrence of MARCORSYSCOM and the Base G6. The offeror shall be responsible for the procurement of applicable network components needed for the refresh, as well as the installment, configuration, testing, and integration of the devices (switches, routers, etc.) with the current network.

**2.1 Equipment Procurement/Warehousing.** The offeror shall coordinate with MARCORSYSCOM and the Base G6 on the procurement of any hardware and software necessary for the network refresh effort. The offeror may leverage the current NMCI logistics/ordering process or any other process that expedites the delivery of equipment to the base. The equipment shall be delivered to a storage facility on base designated by the USMC prior to arrival. The EDS team will be responsible for delivery of the equipment, and its subsequent burn-in period.

**2.2 Network Install/Cutover.** The offeror shall be responsible for transporting any network components from the warehouse to the location of the equipment being replaced in the network. Where applicable, the offeror shall develop a network cutover plan that addresses the incremental migration of network users from the current network to the network devices. This plan will minimize downtime to the USMC and disruption to the end-users.

**2.2 Network Training.** The offeror shall provide, at the discretion of MARCORSYSCOM and the base G6, applicable training on any new devices integrated into the current network. This training will consist of hands-on and/or formal classroom training. The training will be targeted towards network engineers that maintain the current network. The course duration and supported students will be validated by MARCORSYSCOM after receipt of deliverables contained in P 4.0.

## **3.0 PROGRAM MANAGMENT**

**3.1 Schedule Planning.** The offeror shall maintain an accurate schedule of program events and recommend program schedules, including review and evaluation techniques, which provide for the earliest delivery schedule while at the same time satisfying all requirements in a cost effective manner. The program schedule shall include all significant events, and a Program Planning Milestone Chart shall depict major tasks and events from start to completion of the contract. The offeror shall notify the Government in writing of any anticipated or projected work stoppages or delays that will impact schedules.

N00024-00-D-6000

A00018

Page 5 of 5

**3.1 Meetings, Formal Reviews, Conferences, and Audits** - The offeror shall plan, host, attend, coordinate, support and conduct the meetings, formal reviews, and conferences. The reviews shall be conducted at Government and offeror facilities.

**3.2 In-Process Review**. In Process Reviews (IPR) will be held on a bi-weekly basis at the site lead or required by the government. The offeror's progress, management, technical support services (if any), integrated logistics support, administrative, assurance of compliance with contract requirements, program status, problem identification and resolutions shall be agenda items. Actual versus expected performance of each area shall be addressed. The offeror shall prepare presentation materials providing an overview of all agenda items.

#### **4.0 DELIVERABLES**

The deliverable for this service(s) is:

Network Infrastructure Recommendations Report – the offeror shall develop a report containing recommendation on the infrastructure, as well as the bill of materials necessary to refresh the network. The draft report is due 15 days after completion of the infrastructure assessment. The final report is due 30 days after completion of the infrastructure assessment.

#### **5.0 CONTRACTING**

**Responsibility:** MARCORSYSCOM retains the authorizing and approval authority for all work and changes required under this SOO. All request for changes to or additional requirements will be directed to SYSCOM via the RCOR, site CTR/STOIC, Base G-6.

**Payments:** The period of performance shall be the date of award through September 30, 2003.

**Completion Criteria:** Offeror shall fulfill its obligations under this Statement of Objectives by accomplishing the tasks described in this SOO and delivering the items listed in "Deliverables".

#### **6.0 RCORs**

Douglas Fenner RCOR at (760) 763-4668, or Brenda Wiles ARCOR 760) 725-9493 for the following sites: MCB CAMP PENDLETON CA, MCAS MIRAMAR CA, MCAGCC 29 PALMS CA, MCAS YUMA AZ

David Wayne RCOR at (910) 451-0068, or Elizabeth Nichols ARCOR at (910) 451- 7031 for the following sites: MCB CAMP LEJUNE NC, MCAS CHERRY POINT NC, MCAS NEW RIVER NC,

Thom Jungerman RCOR for MCAS BEAUFORT SC

END OF SOO.

A CONFORMED COPY OF THE REVISED CONTRACT IS MADE A PART OF THIS MODIFICATION AS A RESULT OF THE CHANGES OUTLINED HEREIN.

. All other terms and conditions of Contract N00024-00-D-6000 remain unchanged.